

Converting Colors

Hex(FF3380)

Have a look what the booklet for
Hex(FF3380) contains.

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Color

Hex(FF3380)

Conversions

Conversions Part 1

Format	Color
Hex	FF3380
RGB	255, 51, 128
RGB Percent	100%, 20%, 50%
CMY	0.0000, 0.8000, 0.4980
CMYK	0.00, 0.80, 0.50, 0.00
HSL	337°, 100%, 60%
HSV	337°, 80%, 100%
XYZ	46.3201, 25.1862, 22.8421
YIQ	120.7740, 96.8670, 67.1950

Conversions

Conversions Part 2

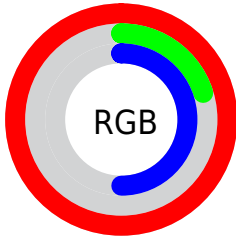
Format	Color
R_{YB}	255, 51, 128
Decimal	16724864
CIE _{Lab}	57.26, 77.71, 7.47
CIE _{LCh}	57, 78.070, 5.488
Yxy	25.1862, 0.4909, 0.2669
Android (android.graphics.Color)	4294914944 (0xFFFF3380)
YUV	120.7740, 3.5624, 117.7162
Hunter-Lab	50.1858, 76.9253, 8.1441

Details

The Hex color **FF3380** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **33FFB2**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF76B5**, and **C0004F** is the 20% darker color. If you saturate the color by 10%, you get **FF1970**, and if you desaturate by 10%, it is **FF4D90**.

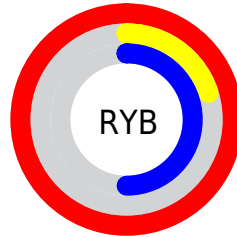
Distribution



Red (100%)

Green (20%)

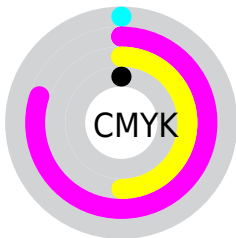
Blue (50%)



Red (100%)

Yellow (20%)

Blue (50%)

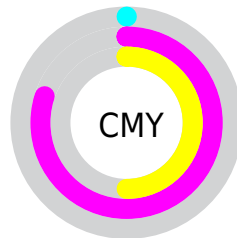


Cyan (0%)

Magenta (80%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3380 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FF3380 by changing the saturation by 10% instead.

 FF3380

 FF3380

FFFFFF

 DF0067

 FF76B5

 C0004F

 FF95D0

 A10039

 FFB3EC

 820024

 FFD1FF

 63000E

 FFEFFF

 460003

 240001

 000000

 FF3380

 FF3380

 FF1970

 FF4D90

 FF0060

 FF66A0

 FF80B0

 FF99BF

 FFB3CF

 FFCCDF

 FFE6EF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E34AC3



FF3380



F64D3E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF3380



529B00



009FFF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FF3380



33FFB2

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A6D7



FF3380



00A44D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FF3380



9B8B00



00A795



008EFF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF3380



E06509



00A795



00A3FA

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FF3380



FFC2D9



B133FF



805B68



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FF3380



FF0A67



FF4B33



807378



BF0048



400018

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF3380



FF0A67



33E7FF



807378



BF0048



400018

Previews

White Background



This preview shows how the Hex color FF3380 looks on a white background.

Color Contrast Check

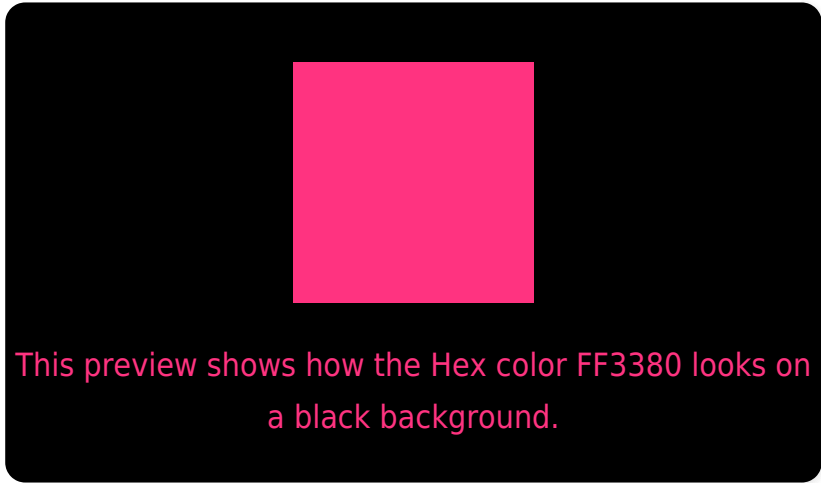
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF3380 Background



This preview shows how black text looks on a background with the Hex color FF3380.



This preview shows how white text looks on a background with the Hex color FF3380.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
FF3380

Protanopia
8088AF

Deuteranopia
9E576E



Tritanopia
FC4346

Trichromacy



Original Color
FF3380



Protanomaly
AE699E



Deuteranomaly
C1677A



Tritanomaly
FD3D5B

Monochromacy



Original Color
FF3380



Achromatopsia
797979



Achromatomaly
AA607C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3380 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FF3380 looks like.

```
.text, #text, p{  
    color:#FF3380  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FF3380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3380
}
```

Border

The CSS property to change the border of an element to Hex FF3380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF3380 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FF3380 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FF3380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3380; -webkit-box-shadow:4px 4px  
4px 4px #FF3380; box-shadow:4px 4px 4px  
4px #FF3380 }
```

Background

The CSS property to change the background color of an element to Hex FF3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3380 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FF3380 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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